

## LABORATORY REPORT

Prepared For: GPL Laboratories  
7210-A Corporate Court  
Frederick, MD 21703  
Attention: Dave Howell

Project: Omega Chemical OU-2 SSID-BC  
Omega Chemical 335392.FI.01

Sampled: 07/13/07  
Received: 07/13/07  
Issued: 07/24/07 18:05

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
IQG1213-01	OC2-MW23A-W-0-595	Water
IQG1213-02	OC2-MW23D-W-0-596	Water
IQG1213-03	OC2-MW23C-W-0-597	Water
IQG1213-04	OC2-MW23B-W-0-598	Water
IQG1213-05	OC2-MW29-W-0-599	Water

Reviewed By:



TestAmerica - Irvine, CA

Trevor Brenner  
Client Services Manager

GPL Laboratories  
7210-A Corporate Court  
Frederick, MD 21703  
Attention: Dave Howell

Project ID: Omega Chemical OU-2 SSID-BC  
Omega Chemical 335392.FI.01  
Report Number: IQG1213

Sampled: 07/13/07  
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## SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQG1213-01 (OC2-MW23A-W-0-595 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0019	0.0022	0.971	7/17/2007	7/19/2007	
<b>Sample ID: IQG1213-02 (OC2-MW23D-W-0-596 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0020	ND	0.99	7/17/2007	7/19/2007	
<b>Sample ID: IQG1213-03 (OC2-MW23C-W-0-597 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0019	ND	0.971	7/17/2007	7/19/2007	
<b>Sample ID: IQG1213-04 (OC2-MW23B-W-0-598 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0019	ND	0.971	7/17/2007	7/19/2007	
<b>Sample ID: IQG1213-05 (OC2-MW29-W-0-599 - Water)</b>								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0019	ND	0.952	7/17/2007	7/19/2007	

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**IQG1213 <Page 2 of 10>**

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Report Number: IQG1213

Sampled: 07/13/07  
Received: 07/13/07

## INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQG1213-01 (OC2-MW23A-W-0-595 - Water)</b>								
Reporting Units: mg/l								
Chemical Oxygen Demand	EPA 410.4	7G17101	20	ND	1	7/17/2007	7/17/2007	
Chromium VI	EPA 218.6	7G13133	0.00030	<b>0.024</b>	1	7/13/2007	7/13/2007	
<b>Sample ID: IQG1213-02 (OC2-MW23D-W-0-596 - Water)</b>								
Reporting Units: mg/l								
Chromium VI	EPA 218.6	7G13133	0.00030	<b>0.0050</b>	1	7/13/2007	7/13/2007	
<b>Sample ID: IQG1213-03 (OC2-MW23C-W-0-597 - Water)</b>								
Reporting Units: mg/l								
Chromium VI	EPA 218.6	7G13133	0.00030	<b>0.00082</b>	1	7/13/2007	7/13/2007	
<b>Sample ID: IQG1213-04 (OC2-MW23B-W-0-598 - Water)</b>								
Reporting Units: mg/l								
Chromium VI	EPA 218.6	7G13133	0.00030	<b>0.015</b>	1	7/13/2007	7/13/2007	
<b>Sample ID: IQG1213-05 (OC2-MW29-W-0-599 - Water)</b>								
Reporting Units: mg/l								
Chemical Oxygen Demand	EPA 410.4	7G17101	20	ND	1	7/17/2007	7/17/2007	
Chromium VI	EPA 218.6	7G13133	0.00030	ND	1	7/13/2007	7/13/2007	

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**IQG1213 <Page 3 of 10>**

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Report Number: IQG1213

Sampled: 07/13/07  
Received: 07/13/07

## CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQG1213-01 (OC2-MW23A-W-0-595 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G1703	5.0	ND	1	7/17/2007	7/17/2007	
<b>Sample ID: IQG1213-02 (OC2-MW23D-W-0-596 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G1703	5.0	ND	1	7/17/2007	7/17/2007	
<b>Sample ID: IQG1213-03 (OC2-MW23C-W-0-597 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G1703	5.0	ND	1	7/17/2007	7/17/2007	
<b>Sample ID: IQG1213-04 (OC2-MW23B-W-0-598 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G1807	5.0	ND	1	7/18/2007	7/18/2007	
<b>Sample ID: IQG1213-05 (OC2-MW29-W-0-599 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G1807	5.0	ND	1	7/18/2007	7/18/2007	

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**IQG1213 <Page 4 of 10>**

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Sampled: 07/13/07  
Received: 07/13/07

## SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
<b>Sample ID: OC2-MW23A-W-0-595 (IQG1213-01) - Water</b>					
EPA 218.6	1	07/13/2007 08:00	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:53
<b>Sample ID: OC2-MW23D-W-0-596 (IQG1213-02) - Water</b>					
EPA 218.6	1	07/13/2007 09:00	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:03
<b>Sample ID: OC2-MW23C-W-0-597 (IQG1213-03) - Water</b>					
EPA 218.6	1	07/13/2007 09:30	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:14
<b>Sample ID: OC2-MW23B-W-0-598 (IQG1213-04) - Water</b>					
EPA 218.6	1	07/13/2007 10:00	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:26
<b>Sample ID: OC2-MW29-W-0-599 (IQG1213-05) - Water</b>					
EPA 218.6	1	07/13/2007 11:10	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:37

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***IQG1213 <Page 5 of 10>***

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## METHOD BLANK/QC DATA

### SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G17059 Extracted: 07/17/07</b>										
<b>Blank Analyzed: 07/19/2007 (7G17059-BLK1)</b>										
N-Nitrosodimethylamine	ND	0.0020	ug/l							
<b>LCS Analyzed: 07/19/2007 (7G17059-BS1)</b>										
N-Nitrosodimethylamine	0.0107	0.0020	ug/l	0.0100		107	60-140			MNR1
<b>LCS Analyzed: 07/19/2007 (7G17059-BS2)</b>										
N-Nitrosodimethylamine	0.00208	0.0020	ug/l	0.00200		104	60-140			
<b>LCS Dup Analyzed: 07/19/2007 (7G17059-BSD1)</b>										
N-Nitrosodimethylamine	0.00998	0.0020	ug/l	0.0100		100	60-140	7	30	

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**IQG1213 <Page 6 of 10>**

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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G13133 Extracted: 07/13/07</b>										
<b>Blank Analyzed: 07/13/2007 (7G13133-BLK1)</b>										
Chromium VI	ND	0.00030	mg/l							
<b>LCS Analyzed: 07/13/2007 (7G13133-BS1)</b>										
Chromium VI	0.0483	0.00030	mg/l	0.0500		97	90-110			
<b>Matrix Spike Analyzed: 07/13/2007 (7G13133-MS1)</b>										
Chromium VI	0.0501	0.00030	mg/l	0.0500	ND	100	90-110			
<b>Matrix Spike Dup Analyzed: 07/13/2007 (7G13133-MSD1)</b>										
Chromium VI	0.0505	0.00030	mg/l	0.0500	ND	101	90-110	1	10	
<b>Batch: 7G17101 Extracted: 07/17/07</b>										
<b>Blank Analyzed: 07/17/2007 (7G17101-BLK1)</b>										
Chemical Oxygen Demand	ND	20	mg/l							
<b>LCS Analyzed: 07/17/2007 (7G17101-BS1)</b>										
Chemical Oxygen Demand	510	20	mg/l	500		102	90-110			
<b>Matrix Spike Analyzed: 07/17/2007 (7G17101-MS1)</b>										
Chemical Oxygen Demand	520	20	mg/l	500	32.8	97	70-120			
<b>Matrix Spike Dup Analyzed: 07/17/2007 (7G17101-MSD1)</b>										
Chemical Oxygen Demand	519	20	mg/l	500	32.8	97	70-120	0	15	

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**IQG1213 <Page 7 of 10>**

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## METHOD BLANK/QC DATA

### CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: C7G1703 Extracted: 07/17/07</b>										
<b>Blank Analyzed: 07/17/2007 (C7G1703-BLK1)</b>										
1,2,3-Trichloropropane (123-TCP)	ND	5.0	ng/L							
<b>LCS Analyzed: 07/17/2007 (C7G1703-BS1)</b>										
1,2,3-Trichloropropane (123-TCP)	4.92	5.0	ng/L	5.00		98	80-120			
<b>Matrix Spike Analyzed: 07/17/2007 (C7G1703-MS1)</b>										
1,2,3-Trichloropropane (123-TCP)	45.7	5.0	ng/L	50.0	ND	91	52-135			
<b>Matrix Spike Dup Analyzed: 07/17/2007 (C7G1703-MSD1)</b>										
1,2,3-Trichloropropane (123-TCP)	50.7	5.0	ng/L	50.0	ND	101	52-135	10	27	
<b>Batch: C7G1807 Extracted: 07/18/07</b>										
<b>Blank Analyzed: 07/18/2007 (C7G1807-BLK1)</b>										
1,2,3-Trichloropropane (123-TCP)	ND	5.0	ng/L							
<b>LCS Analyzed: 07/18/2007 (C7G1807-BS1)</b>										
1,2,3-Trichloropropane (123-TCP)	5.02	5.0	ng/L	5.00		100	80-120			
<b>Matrix Spike Analyzed: 07/18/2007 (C7G1807-MS1)</b>										
1,2,3-Trichloropropane (123-TCP)	42.9	5.0	ng/L	50.0	ND	86	52-135			
<b>Matrix Spike Dup Analyzed: 07/18/2007 (C7G1807-MSD1)</b>										
1,2,3-Trichloropropane (123-TCP)	53.0	5.0	ng/L	50.0	ND	106	52-135	21	27	

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**IQG1213 <Page 8 of 10>**



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## DATA QUALIFIERS AND DEFINITIONS

**MNR1** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.

**ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

**RPD** Relative Percent Difference

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***IQG1213 <Page 9 of 10>***

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## Certification Summary

### TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 218.6	Water	X	X
EPA 410.4	Water	X	X

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

### Subcontracted Laboratories

#### TestAmerica - Ontario, CA *California Cert #1169, Arizona Cert #AZ0062, Nevada Cert #CA-242*

1014 E. Cooley Drive, Suite AB - Colton, CA 92324

Method Performed: SRL 524M-123TCP

Samples: IQG1213-01, IQG1213-02, IQG1213-03, IQG1213-04, IQG1213-05

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***IQG1213 <Page 10 of 10>***

